

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number		10031003
Filing Date		2003-11-28
First Named Inventor	Stephen Clifford Brown	
Art Unit	1796	
Examiner Name	Szekely, P. A.	
Attorney Docket Number	5628-26102	

U.S. PATENTS[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	4739007		1988-04-19	Okada et al.	
	2	4664820		1987-05-12	Magauran et al.	
	3	4695402		1987-09-22	Finlayson et al.	
	4	4866018		1989-09-12	Elliott	
	5	4402681		1983-09-06	Alther	
	6	4410364		1983-10-18	Finlayson et al.	
	7	4412018		1983-10-25	Finlayson et al.	
	8	4434075		1984-02-28	Mardis et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10031003
Filing Date	2003-11-28
First Named Inventor	Stephen Clifford Brown
Art Unit	1796
Examiner Name	Szekely, P. A.
Attorney Docket Number	5628-26102

9	4434076		1984-02-28	Mardis et al.	
10	4474706		1984-10-02	Clay et al.	
11	4517112		1985-05-14	Mardis et al.	
12	4546126		1985-10-08	Breitenfeiner, et al.	
13	4472538		1985-09-18	Kamigaito et al.	
14	4582866		1986-04-15	Shain	
15	4874728		1989-10-17	Elliot et al.	
16	5017637		1991-05-21	Smith et al.	
17	5132350		1992-07-21	Keogh	
18	5236985		1993-08-17	Hayami	
19	5429999		1995-07-04	Nae et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10031003
Filing Date	2003-11-28
First Named Inventor	Stephen Clifford Brown
Art Unit	1796
Examiner Name	Szekely, P. A.
Attorney Docket Number	5628-26102

20	5554670		1996-09-10	Giannelis et al.	
21	5747560		1998-05-05	Christiani et al.	
22	5773502		1998-06-30	Takekoshi, et al.	
23	5827906		1998-10-27	Metzemacher et al.	
24	6034163		2000-03-07	Barbee et al.	
25	6130256		2000-10-10	Nao	
26	6139962		2000-10-31	Herget et al.	
27	6380295		2002-04-30	Ross et al.	
28	6794437		2004-09-21	Ross et al.	
29	6605655		2003-08-12	Kato et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10031003
Filing Date	2003-11-28
First Named Inventor	Stephen Clifford Brown
Art Unit	1796
Examiner Name	Szekely, P. A.
Attorney Docket Number	5628-26102

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button. [Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	Ts
	1	55112248	JP		1980-08-29	Eurukawa Electric Co. Ltd.	abstract	<input type="checkbox"/>
	2	62101644	JP		1987-05-12	Sumitomo Bakelite Co. Ltd.	abstract	<input type="checkbox"/>
	3	62181144	JP		1987-08-08	Toray Industries	abstract	<input type="checkbox"/>
	4	63030588	JP		1988-02-09	Fujikura Ltd		<input checked="" type="checkbox"/>
	5	63260957	JP		1988-10-27	Yoshito	abstract	<input type="checkbox"/>
	6	63273693	JP		1988-11-10	Hitachi Cable Ltd.	abstract	<input type="checkbox"/>
	7	10139998	JP		1998-05-26	Kiyoji et al.		<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10031003
Filing Date	2003-11-28
First Named Inventor	Stephen Clifford Brown
Art Unit	1796
Examiner Name	Szekely, P. A.
Attorney Docket Number	5628-26102

8	11228748	JP		1999-08-24	Sokisco Chem Co. Ltd.	abstract	<input type="checkbox"/>
9	10204298	JP		1998-08-04	Kyowa Chem Co. Ltd.		<input checked="" type="checkbox"/>
10	97/31873	WO		1997-09-04	Southern Clay		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Giannelis "Flame Retardant Nanocomposite Materials", Annual Conference on Fire Research NISTIR 6242, November 2-5, 1998, pages 39-40.	<input type="checkbox"/>
	2	Miller, ed. "Tiny Clay Particles pack potent properties punch" Plastics World, October 1997, pages 36-38.	<input type="checkbox"/>
	3	LAUS, M. et al. "New hybrid Nanocomposites based on an organophilic clay and poly(styrene-butadiene) copolymers", Journal of Materials Research, November 1997, Vol. 12, pp. 3134-39	<input type="checkbox"/>
	4	Kyaowa Chemical Industry Co., Ltd. Product "Additives for Resins", 1997, 2 pages	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10031003
Filing Date	2003-11-28
First Named Inventor	Stephen Clifford Brown
Art Unit	1796
Examiner Name	Szekely, P. A.
Attorney Docket Number	5628-26102

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.